

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/03635

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K5/078 A61K31/4025 A61P25/28 A61P29/00 A61P35/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 12186 A (BIOGEN INC ;CORNEBISE MARK (US); LEE WEN CHERNG (US); PETTER RUSSE) 22 February 2001 (2001-02-22) page 43, line 9 - line 18 page 70, line 17 - line 24 examples 6697,6715,7515,7517	1,25
A	WO 01 54690 A (LIN KOCHUNG ;ZHENG ZHONGLI (US); BIOGEN INC (US); CUERVO JULIO H () 2 August 2001 (2001-08-02) examples 2,3 claim 1	1,25
A	WO 98 53814 A (HAGMANN WILLIAM K ;MUMFORD RICHARD A (US); KEVIN NANCY J (US); MAC) 3 December 1998 (1998-12-03) claims 1,5,19	1,25



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

23 July 2003

Date of mailing of the international search report

31/07/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Seitner, I

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-23 (all partially)

The scope of claims 1-23, in as far as the expression "prodrug" is concerned, is so unclear (Article 6 PCT) that a meaningful International Search is impossible with regard to this expression.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 1-23 (all partially)
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/03635

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0112186	A	22-02-2001	AU 7058600 A	13-03-2001
			BG 106510 A	31-10-2002
			BR 0013248 A	23-07-2002
			CA 2380817 A1	22-02-2001
			CN 1377268 T	30-10-2002
			CZ 20020518 A3	15-05-2002
			EE 200200070 A	15-04-2003
			EP 1265606 A1	18-12-2002
			HU 0202469 A2	28-11-2002
			JP 2003506491 T	18-02-2003
			NO 20020725 A	08-04-2002
			SK 2152002 A3	02-07-2002
			WO 0112186 A1	22-02-2001
WO 0154690	A	02-08-2001	AU 3306901 A	07-08-2001
			EP 1253923 A1	06-11-2002
			WO 0154690 A1	02-08-2001
			US 2003114514 A1	19-06-2003
WO 9853814	A	03-12-1998	EP 1001764 A1	24-05-2000
			JP 2002512625 T	23-04-2002
			WO 9853814 A1	03-12-1998